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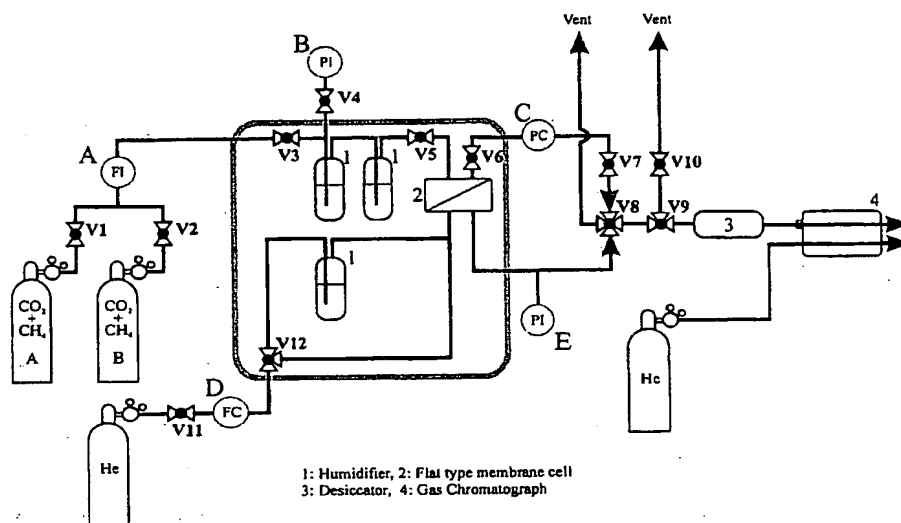


Fig. 1

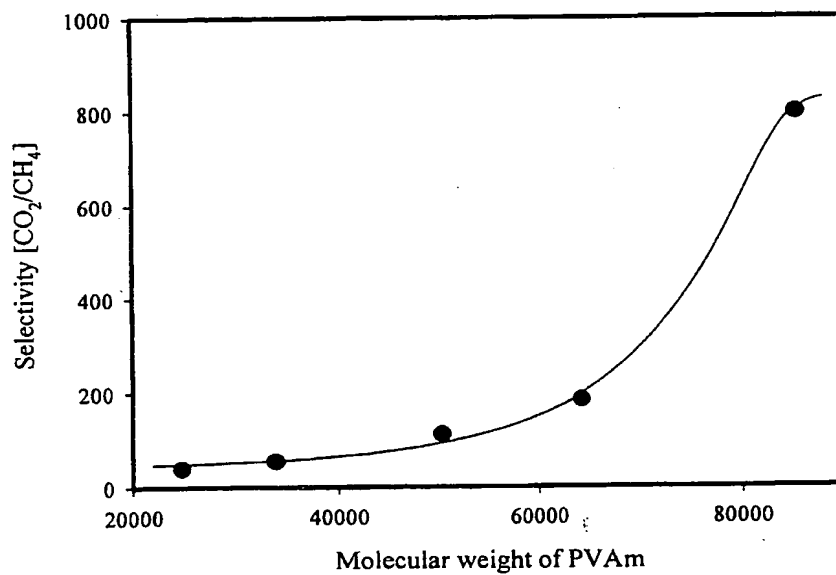


Fig. 2

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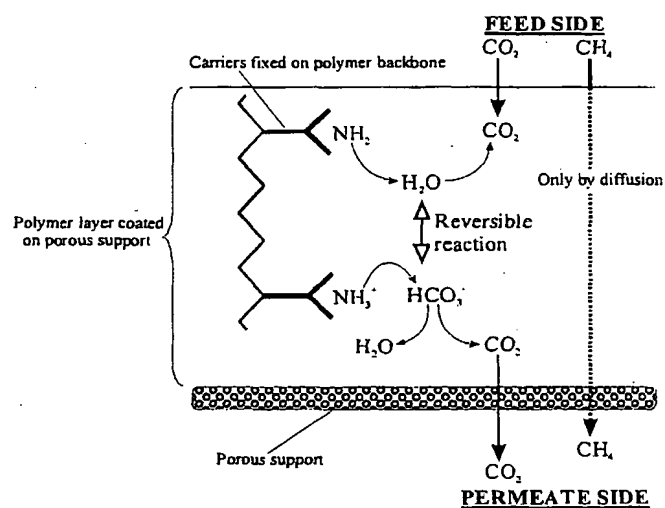
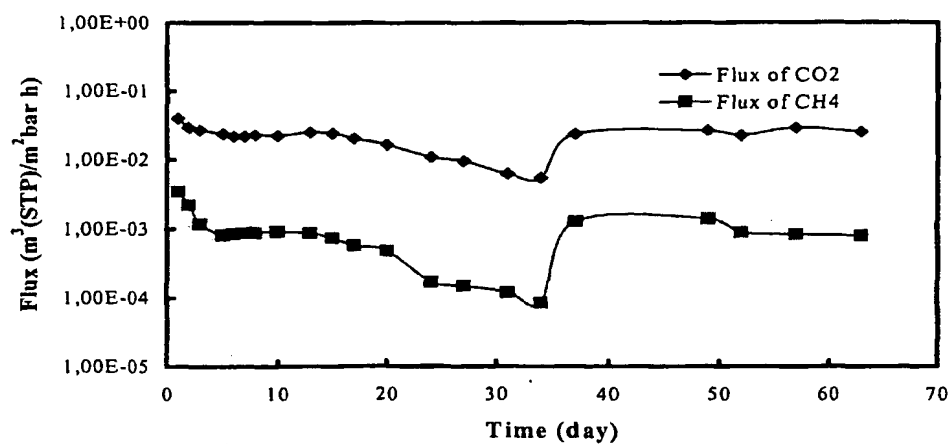


Fig. 3



Perm.flux. of  $\text{CO}_2$  and  $\text{CH}_4$  through the PVAm membrane casted on CA support - after 35 days the membrane is again wetted, and flux is restored.

Fig. 4

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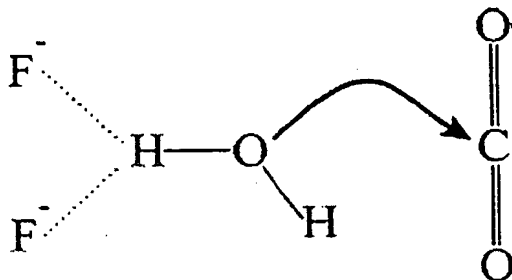


Fig. 5

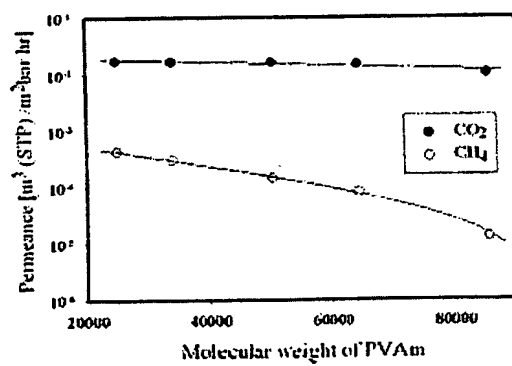


Fig. 6

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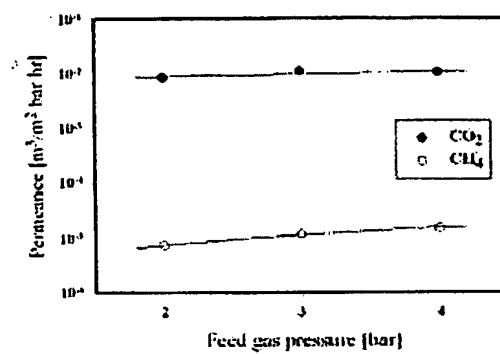


Fig. 7